

ABSTRACT

The invention pertains to a device for projecting a light beam on an object that comprises a light source for generating the light beam and projection optics for transmitting the light beam from the light source to the object. At least one prism with at least two essentially plane-parallel surfaces is arranged in the beam path of the light beam between the light source and the object as part of the projection optics, wherein the prism is movably supported and can be driven by means of a drive unit in such a way that the light beam is shifted in a parallel fashion by an amount (X) that depends on the position of the prism when it passes through the plane-parallel surfaces of the prism.

Fig. 2